

ZDX118470 Series

VHF Air Band & UHF 3-port Duplexer / Diplexer

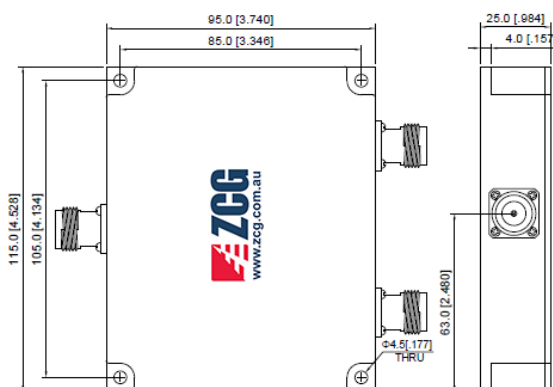
VHF 118-137 MHz & UHF 400-470 MHz



The ZDX118470 series of VHF Air band & UHF duplexers/diplexers has an input/output for both transmitter and receiver and a single port for the external antenna. Suitable for emergency services, transport companies, mining, security, military or usage where dual band communications is required.

Compatible RF antennas, coaxial cable, adaptors and other installation accessories are available separately.

Order code	ZDX118470NF - N-type female terminated	ZDX118470SF - SMA female terminated
Construction	Black powdercoated body and chrome plated terminations with silver centre conductors	
Frequency range	118-137 MHz - VHF Air band and 400-470 MHz - UHF	
Bandwidth	Full frequency ranges stated	
Insertion loss	Typical 0.8dB - maximum, Ripple <0.5	
Isolation	Typical 70dB - minimum	
Maximum power	100 Watts per input	
VSWR	≤1.45:1 - maximum	
Impedance	50 Ohms	
Connector	Input & Output: N-type female	Input & Output: SMA female
Operating temperature	-40°C to +70°C	
Dimensions	Width: 115mm, Depth: 95mm, Height: 25mm	
Weight	3.0kg	
Mounting requirements	Mount utilising 4 x 4.5mm holes located in the corners of the duplexer / diplexer. For alternate mounting configuration please consult ZCG for more information	



Unit: mm / inch, General part tolerance is ±2% unless otherwise stated.